

20-Aug-74

Uncl (SIAC-Trans--165) Cosmological consequences of
the spontaneous breakdown of discrete symmetry.
ZELDOVICH, YA.B.; KOBZAREV, I.YU.; OKUN, L.B. (AN SSSR,
MOSCOW, MATEMATICHESKIY INST.). Jun 1974. Translation
by V. Baluni of Preprint No. 15. 10p. Dep. NTIS
\$4.00.

03B astrophysics; 20H physics (particle); translations
MN-34b P NSA

Re Exemption, Vol. 18.

THE UNIVERSITY OF CHICAGO PRESS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 07-19-2008 BY 60322 UCBAW

104-21028-323

07-01-02-329

1970 1971 1972

NY 959 - F 14560

Zel'dovich, Ya. Rykov, Ya.

Mechanical effects accompanying the interaction of
laser radiation with a substance (reaction 6)

10 pp.

RUSSIAN J. PHYS. 24 50 1970 Vol. 2, 1970

pp. 1-10

AIR/7D-17-23-122-73

Zeleneva, I. V.

*Regulation of the level of glycolytic enzymes in
elongating cells of corn roots.*

DOKLA DY AKADEMII NAUK SSSR, BOTANICAL SCIENCES, Vol 208

No 1, Feb 1973, pp 891-894

CB

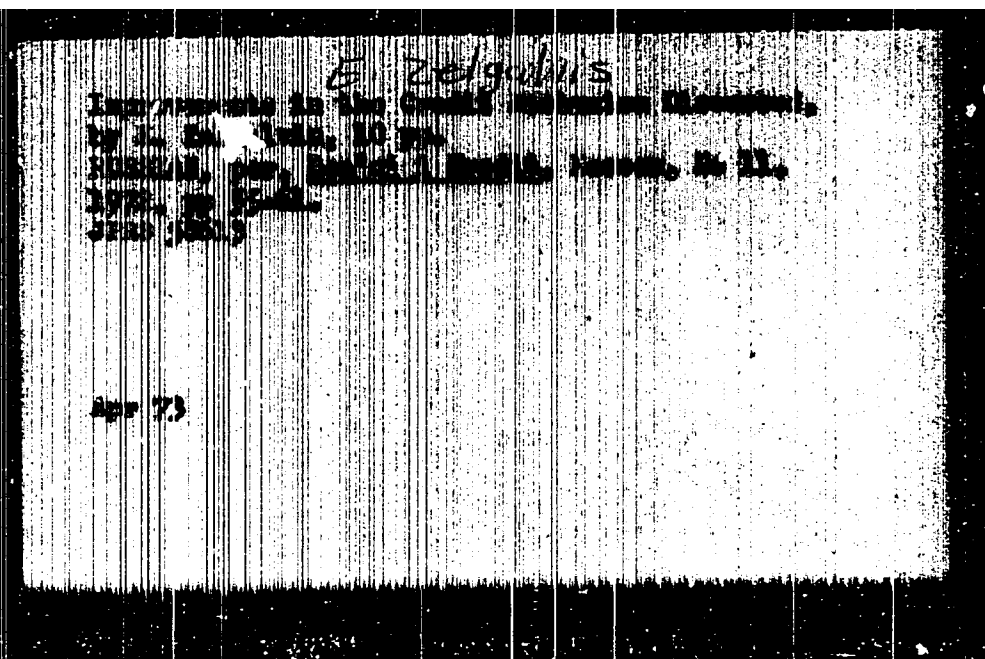
Zelenkova, N.

Restoration of Uninstalled Equipment: Stocks Urged.

6 px

PLANKOVYI KHOZTAYSTVO. Moscow, Mar 74, pp 134-138.

JPRS 62415



Zelikman, P. M.

Kinetics of the Oxidation of Molybdenum
with Sulfur Vapour

Izv. Vysshikh Shk. Khim. Zavedeni, Tsvetn. Met.

Vol. 11, No. 1, pp. 77-81, 1968.

A.T.S. RJ-5284

GOVERNMENT USE ONLY

Zelikman, M. Kh.

Some Characteristics of Spatial Characteristics of
Laser Emission Based on Gallium Arsenide.

11 pp

VOPROSY RADIOELEKTRONIKI. NAUCHNO-TEKHICHESKIY

SEKRET. SERIYA OBSHCHEKHOZUCHESKAYA, Moscow,

No 5, 1968, pp 54-62.

JPRS/L 5110

Zelazny, Etal A

Characteristics of the Adsorption of Normal
Aliphatic Acids by Silica Gel Pore 9 pp

UKRAINSKIY KHIMICHESKIY JURNAL

VOL 17, ISSUE 4, 1971 pp 337-342

PSDC-HT-73-1990-72

Zelkin, E. G.

Wide-beam lens antennas made from a non-homogeneous dielectric.

ANTENNY, n. 6, 1969, p. 106-120

WIC 75-11370-097

ZELKIN. YE. G.

//ANTENNY, SBORNIK VYP 1//

--/--/1966, V-----, N-----

Synthesis of antenna arrays 15 pp

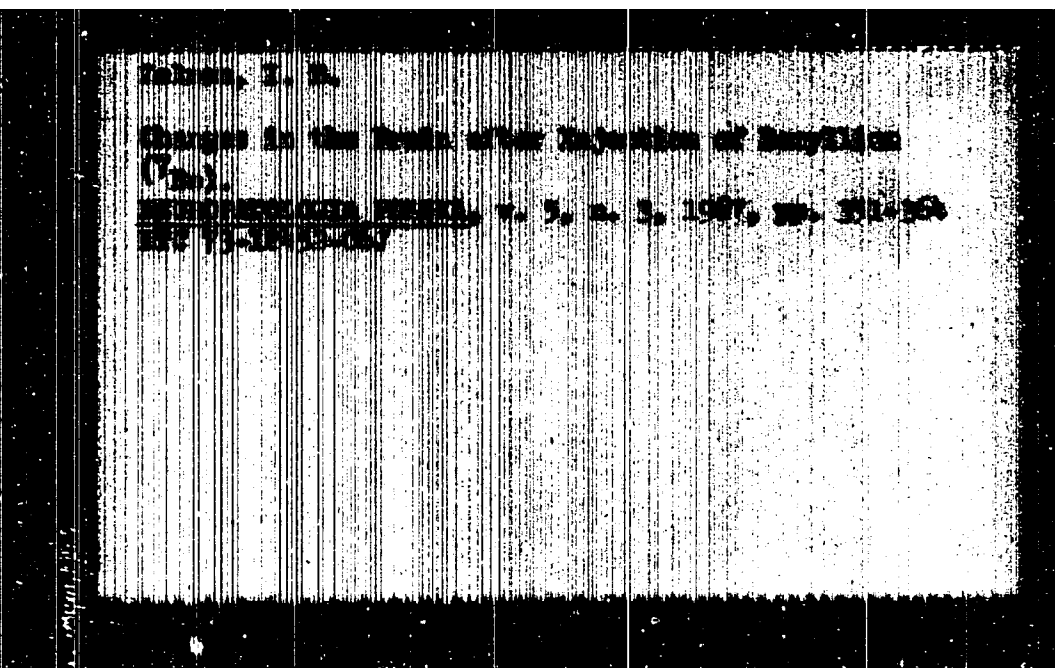
pp 34-46 ARM/FSTC/HT-23-574-73##

Polkowski, J.

Simple model of pulverized coal ignition in a combustion chamber.

REVUE GENERALE DE TECHNIQUE, Vol 7, 1968, pp 871-877

C. E. Trans 6029



Zel'manov, I. I.

Study of an explosion in bulk soil when the
charge is surrounded by an air-filled cavity

ISPOL'ZOVANIYE VZRYVA V PEROBNOM KHOCZAYSTVE,

no. 3, 1970, pp. 1-102

AIR/PTD-HT-23-392-74

Zaltyn¹, A. S.

Technological Progress and Foreign Trade.

17 pp

USSR: ECONOMICS, POLITICS, IDEOLOGY, Moscow,

No 7, July 1973, pp 78-87.

JPRS 59896

ZEKAM,
/NATURALISSANDARTIM/
---/---/1975, V0055, 00001,
No. 276- EPA TR 477-7400

ZEMANDVICOVA, A SL

USE OF FLUIDIC AND PNEUMATIC ELEMENTS TO DETERMINE COMPOSITION OF A GAS MIXTURE

AUTOMATIZACE, XVI, MARCH, 1973, 85-87

FSTC-HT-23-0895-74

Zemer, Chana

Changes on Front Lines to Be Effected in Near
Future, 7 pp.

HAZAR, Tel Aviv, 4 Jan 74, p 5.

JPRS 61138

Vol 7

Zaklyanskiy, F.

Conference on Socio-Economic Problems, Rural
Development.

6 JP

HEKONOMICHESKIYE PROBLEMY. Moscow, No 4, Apr 74, pp 120-
121.

JPRS 62985

Zemruchova, N.

Electric Household Appliances.

6 pp

SOVETSKAYA TOBGOVLYA, Moscow, No 7, Jul 74, pp 43-46.

JPRS 63143

Zemskov, G.V.

The Fatigue Limit of Drill Pipe of Strength
Group D Under Complex Loading.

NEFT. KHIZ. Vol. 60, 1972, No.7, pp.9-11.

A.T.S. KOSOB 811

Zemshenko, N.

Questions of Regional Economic Planning Discussed.

11 pp

НАРОДНОЕ ХОЗЯЙСТВО. Moscow, No 6, 1974, pp 30-38.

JPRS 62229

Zenculka, J.

Substoichiometric determination of thallium traces
by isotope dilution analysis.

PRAGUE. CHARLES' UNIVERSITY. FACULTY OF THEORETICAL
AND NUCLEAR PHYSICS. 1967

NTC 73-10701-18B

may 73

ZENEKEVICH, B. A.

//AKADEMIYA NAUK SSSR. OTDELENIYA FIZIKO-
TEKHNIЧЕСКИХ ПРОБЛЕМ ЭНЕРГЕТИКИ//

--/---/1978, V-----, N-----

Heat transfer crisis in tubes 20 pp

pp 26-42 AIR/FTD/HC 23-2392-74

DISTRIBUTION LIMITED TO U. S. GOV'T AGENCIES
ONLY COPYRIGHT INFORMATION OTHER REQUEST FOR
THIS DOCUMENT MUST REFERRED TO FTD#

ZERIN, A. A.

//ДОКЛАД АКАДЕМИИ НАУК СССР, ФИЗИКАЛ ХИМИЯ//

--/12/1973, ВОЗРАСТ, МОЛОДОСТЬ,

One Model for the Reaction Layer of the
Condensed Phase of a Ballistic Powder,

pp 1357-1360, CSD

Zemke, H.

Diseases of the upper respiratory tract, caused by harmful chemical substances in the course of work.

APR 10 5 41 PM '64

1971, pp 144-149, v. 6.

26-Nov-73

Uncl (UCRL-Trans--1504) Process of establishing
transverse dipole oscillations in a circular beam of
charged particles. ZENKEVICH, P.R. (GOSUDARSTVENNYJ
KOMITET PO ISPOL'ZOVANIYU ATOMNOJ ENERGIJ SSSR, MOSCOW.
INST. TEORETICHESKOJ I EHKSPERIMENTAL'NOJ FIZIKI).
1972. Translated by G. Brodell (Univ. of California
Lawrence Berkeley Lab.), from report ITEP--951. 34p.
Dep. NTIS 83.75.

206 particle accelerators; translations
MN-28 P NSA

Zenkova, I.

International Symposium on Scientific and Technical
Progress Held.

11 pp

VOENSI TEKHNIKI, Moscow, No 6, Jan 74, pp 146-150.

JPR 62637

Zenkovich, B.A.

Whales and Whaling in the Antarctic and Northern Pacific and the State of the Research.

MORSKIE MLEKOPITATELNOSTI, Moscow 1969, pp. 5-23.

NGO TRANS 594

Zen'kovskii, A.G. et al

Research into Semi-Limited Jets Against Perme-
ble Surfaces.

IZV. VUZ. CHERN. MET., 1973, No.7, pp.170-173.

BISI 11894

Zemkovich, V.P.

1947

Bottom sediments of the Aral Sea
(Bulletin Moskovskogo obshchestva ispitately prirody,
Otdel geologicheskii, 22(4): 39-59. In Russian.

Transl. for NLL, 29p., processed. Avail. NLL as RTS 5227.

Avail. on loan - NMPS, Wash., D.C.

Original Article Checked *AK*

ZENOV, A. A.

//PRIKLADNAYA GEOFIZIKA//

--/--/1972, V-----, NO086,

Theoretical premises for using invaries and for
filtration in the method of common depth points

pp 73-82, NTC 74-11401-08K81

Zarishkina, I. S.

The Student Movement and the Government.

11 pp

~~USSR ECONOMICS, POLITICS, IDEOLOGY~~. Moscow.

No 8, Aug 1979, pp 49-57.

JPRS 60025

Penzinov, O. V.

On the Problem of the Position of the Axis
of Rotation of the Spherical Rotor of a Free
Gyroscope, 5 pp.

IZVESTIYA VOZ, PRIKOROSTROYENIYE, Leningrad,
Vol. 16, No 4, 1973, pp 67-70.

JPRS 59498

Jul 73

Zepter, K.H.

The Ore Trans-shipment Plant Europort-Election
and Operational Experiences.

STAHL EISEN, 1972, Vol. 92, No. 3, pp.93-101

BISI 10866

Zerari, Zhor

Cereal Production Set Back by Bad Weather, 5 pp.
ALGERIE-ACTUALITE, Algiers, 1-7 Jul 73, p 8.
JPRS 59755

Sep 73

ZERBIN, A. G.

//ROSMICHESKAYA BIOLOGIYA I AVIAKOSMICHESKAYA
MEDITSINA//

---/1974, V0008, N0005, pp 0084-0085.

Age Changes in the MX, DS and JEC Leads in Cases of
Focal and Diffuse Damage to the Cardiac Muscle

4 pp

JPRS 63603

#

1. The first of these is the
2. fact that the United States
3. has a long and honorable
4. tradition of supporting
5. the people of the world
6. in their struggle for
7. freedom and independence.
8. This tradition is rooted
9. in the principles of the
10. Declaration of Independence
11. and the Constitution of
12. the United States.

Zeschar, R.

Heat Engineering Problems of Protective Structures.

ZILNIVERTIDIGUNG, Vol. 10, Oct. 1971, pp. 28-32.

FSTC-HT-23-1236-72

ACSI K-1874

Zornetson, A.

Deep Diving with Synthetic Mixtures
of Gases

19 pp

TECHNICAL TRANSCRIPT Vol 75, 1945, pp 171-178

CS/DEFDIC/TRAN-3386-73

Zeuner, A.

Civil Defense Tasks of Medical Institutions
Outlined, 13 pp.

PHARMAZEUTISCHE PRAXIS, East Berlin, Sep 73,
Supplement, pp 201-206.
JPRS 60489

Nov 73

[illegible]

RUSSIAN, per. Dr. [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

Page 73

Zavalov, A.

V. I. Lenin on the History of Bolshevism.

15 pp

KOMMUNIST. Moscow, No 4, Mar 1974, pp 74-85.

JPRS 61894

Zevin, L.

CENIA, Developing Nations Division of Labor Defined.

15 pp

VOZRODY EKONOMIKI, Moscow, No 2, 1974, pp 102-111.

JPLS 61630

The Triumph of the Leninist Ideas of the Building
of a Multinational Socialist State, by V. Zevin,
18 pp.

RUSSIAN, per. ~~Kommunist~~. Moscow, No 5, Mar 1973.
pp 30-43.

JPRS 59014

May 73

Ideology and the Second Russian Social Democratic
Workers' Party Congress. by V. Zevin. 7 pp.
RUSSIAN, op. Russia, Moscow, 19 Apr 1973, pp 2-3.
JPRS 58982

May 73

Zevin, V.

V. I. Lenin's last Articles and Letters.

17 pp

KOMMUNIST. Moscow, No 5, Mar 1974, pp 66-78.

JPRS 82118

Zevin, V. Ya.

Dynamics of EPR and stationary EPR in multi-level system. Part I. Consideration of inhomogeneous broadened EPR lines in the absence of cross-relaxation transitions by electrical analogy.

UKRAINIAN, per Ukrainskii Fizicheskii Zhurnal, Vol. 17, No. 10, Pp. 1886-1889, 1972.

APL CLS-3 T-655

Zavin, V. Ya.

Part II. Role of cross-relaxation transitions
in ENDOR dynamics with inhomogeneous broaden-
ing of EPR lines.

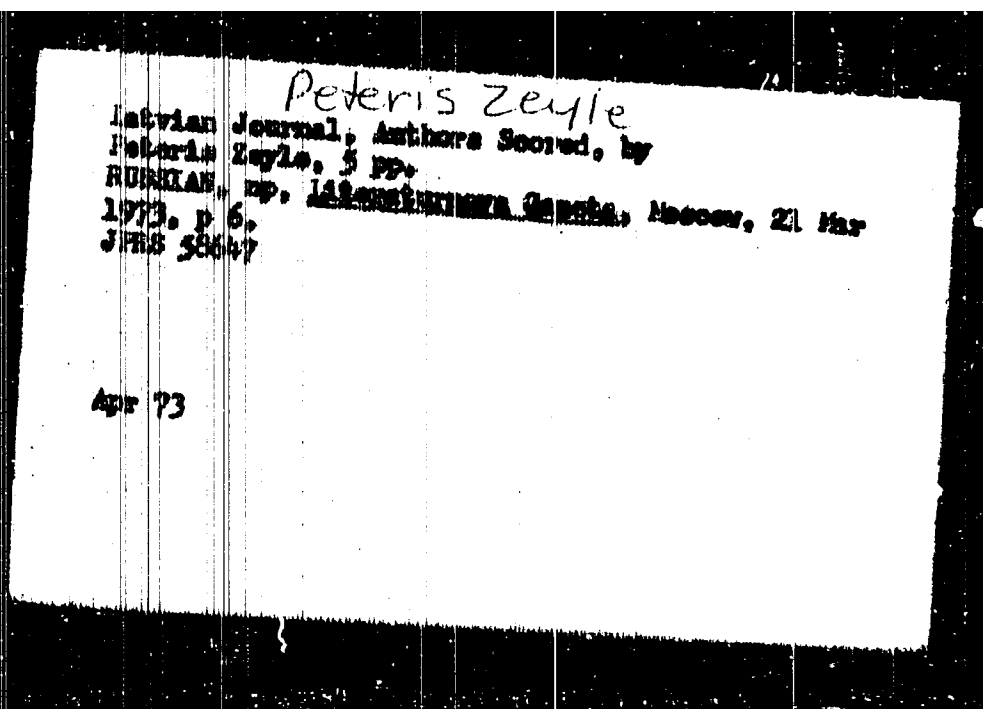
UKRAINIAN, per Ukrainskii Fizicheskii Zhurnal,
Vol. 17, No. 10, pp. 1565-1581, 1972.
APL CLS-1 7-559

Bayburtlu, E. I.

Method of Obtaining Sulfuric Acid without Nitrous 19 pp

~~JOURNAL OF CHEMICAL TECHNOLOGY~~ ~~PERMANENTLY~~ ~~NO. 19, 1936,~~
pp. 1164-1169

FD-23-133-73



ZAYLE, V
//KOMMUNIST SOVETSKOY LATVI//
---/11/1974/V---, NO011, pp 0004-0023
Consumption Changes, Persecution, and Planning
11 pp
JPRS 63765
#

Zeyliger, A. H.

Adaptation of Economic Systems Under Indefinite
Conditions.

20 pp

EKONOMIKA I MATEMATICHESKIYE METODY, Moscow,
No 3, 1974, pp 521-536.

JPRS 62708

Zeynalov, O.

Agroindustrial Complex Established in Shekinskiy
Rayon.

6 pp

BAKINSKIY RABOCHIIY. Baku, 11 Jan 1974. p 3.

JPRS 61452

ИЗДАЮА, М.
//ИЗДА. ЛИСТ//
-изд./изд./1971, 70028, 10003,
The Behaviour of Austenitic Stainless Steels in
Cold Plastic Deformation,
pp 197-202, KIBI 1187900

Zgur'skiy, V.

Specialization in the Electroplating Industry
Emphasized.

5 pp

~~EKONOMIKA SOVETSKOY UKRAINY~~, Kiev, No 7, 1973,
pp 40-43,
JPRS 60260

Unclass (UCRL-Trans--1488) Effect of electron-ring
acceleration on focusing by imaging forces. Zhabitskii,
V.M.; Ivanov, I.N. (JOINT INST. FOR NUCLEAR RESEARCH,
DUBNA (USSR)). Translated for Univ. of California,
Lawrence Berkeley Lab., Berkeley, from report JINR--P9
6421. May 1972. 12p. Dep. NTIS.

20H physics (particle); translations
MN-34 P NSA

REVISED
March 19, 1973

Unclassified (UCRL-Trans--1489) Stability of a screened ring
on displacement of its center. Zhabitskii, V.M.;
Zolina, I.A.; Kaminskaya, A.M.; Ivanov, I.N.;
Perel'shtein, E.A. (JCINT INST. FOR NUCLEAR RESEARCH,
DUBNA (USSR)). Translated for Univ. of California,
Lawrence Berkeley Lab., Berkeley, from report JINR--P9
6514. Jun 1972. 17p. Dep. NTIS.

20H physics (particle); translations
MN-34 P USA

REVISED
March 19, 1973

8-Oct-74

Uncl (KFK-tr--447) Expansion of the possibilities of
the Adgezator magnetic system for pre-acceleration of
ions. ZHABITSKII, V.M.; IVANOV, I.N.; LACHINOV, V.M.;
MAKOVVEEV, V.K. (JOINT INST. FOR NUCLEAR RESEARCH, DUBNA
(USSR)). 1974. Translated by Rosemarie Corssen of
JINR--P9-7679. 11p. (In German). Dep. NTIS (US
Sales Only) \$4.00.

20G particle accelerators; translations
MN-28 NP NSA

Khabovskiy, A.

New Consumer Items Described, 5 pp.

HOUMERCHESKIY VESTNIK, Moscow, No 9, May 73,

p 28.

JPRS 59512

APR 73

ZHABREE, I. P.

//GAZOVAYA PROMISHLENNOST' //

--/11/1974, V-----, NO011, pp 0012-0005

Separate Prospecting Program for Gas Proposed 8 pp

JPRS 63800

#

Zhabrev, I.P.

Oil and Gas Prospects Beyond the Continental
Shelves of the Seas and Oceans.

GEOLOG. NEFTI GAZA, V. 16, 1972, No. 8, pp.8-13.

A.T.S. NOGB 873

Zhadan, O.

Grain Losses During Transshipment.

5 pp

KOMMUNISTSKAYA PRAVDA, Moscow, 15 July 1973.

p 2.

JPRS 59848

Zhadan, V. T. et al.

Alloy Steel Rolling Force Conditions on a
Blooming Mill as a Function of the Reduction.
IZV. VUZ CHERN. MET., 1972, No. 11, pp. 95-98.
EISI 11117

Zbagan, V.T. et al

Rail Pass Design Allowing for Wear on the
Grooves.

ET&E, 1972, No. 12, pp. 1100-1102.

BIB 11333

Zakhar, V. I.

Investigation of the Degradation Rate in Rollup Steel
in the Presence of H₂O₂. 1973, No. 3, pp. 64-69
1973

Zhukov, V.T. et al

Investigation of the Deformation Heat in 60KhGA
Steel.

IZV. VUZ CHERN. MET., 1973, No.3, pp.96-98.

*HISI 11522